

WHAT IS CLAIMED IS:

1. A moisture transfer apparel worn by an individual comprising, on at least a portion of the apparel, a combination of layers constructed as follows:

a first layer, closest to the individual, selected from a group of inner moisture transfer materials;

a second layer, abutting the first layer, including a foam material;

a third layer, abutting the second layer, including a breathable membrane; and

a fourth layer, abutting the third layer, selected from a group of outer moisture transfer materials.

2. The moisture transfer apparel according to claim 1, wherein at least two of the first, second, third and fourth layers are attached to each other by lamination.

3. The moisture transfer apparel according to claim 1, wherein at least two of the first, second, third and fourth layers are attached to each other by mechanical bonding.

4. The moisture transfer apparel according to claim 1, wherein the fourth layer is laminated with a breathable membrane.

5. The moisture transfer apparel according to claim 1, wherein the fourth layer is treated by encapsulation.

6. The moisture transfer apparel according to claim 1, wherein the fourth layer is coated by a waterproof film.

7. The moisture transfer apparel according to claim 1, wherein the outer moisture transfer materials are fabrics that are structurally knitted or woven to repel water.